

**Swami Ramanand Teerth Marathwada University,  
Nanded.**

**FACULTY OF SCIENCE**

**SYLLABUS**

**B.Sc./B.A. (Home Science)**

**First & Second Year (CBCS Pattern)**

**(SEMESTER I - IV)**

[Syllabus progressively effective from 2016-17 onwards]

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

CHOICE BASED CREDIT SYSTEM (CBCS)

SEMESTER PATTERN

Faculty of Science

Under Graduate (UG) Programme

HOME SCIENCE - CURRICULUM

(w.e.f. Academic year 2016 - 2017)

An outline Class B.A./B. Sc. First year

Semester	Core Course	Paper No.	Name of Paper	Lect / Week	Total No. of Lectures	CA	ESE	Total Marks	Credits
Semester I	CCHS I	I	Human Development (Introduction to Human Development)	4	55	Marks 35 Soft toy/Puppet (Anyone) Seminar	40	75	3
	CCHS II	II	Foods and Nutrition (Introduction to Foods and Nutrition)	4	55	Marks 35 Seminar & Group discussion	40	75	3
			<b>Total - I</b>	<b>8</b>	<b>110</b>	<b>70</b>	<b>80</b>	<b>150</b>	<b>6</b>
Semester II	CCHS I	III	Textile (Textiles and Clothing)	4	55	Marks 35 Kitchen Apron	40	75	3
	CCHS II	IV	Laboratory Course work 1 Practicals Basics of textiles	4	55	Marks 35 Seminar & Group discussion	40	75	3
			<b>Total - II</b>	<b>8</b>	<b>110</b>	<b>70</b>	<b>80</b>	<b>150</b>	<b>6</b>
			<b>Total - I, II</b>	<b>16</b>	<b>220</b>	<b>140</b>	<b>160</b>	<b>300</b>	<b>12</b>
CCHS = Core Course Home Science ESE = End of Semester Examination CA = Continuous Assessment									

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SEMESTER PATTERN

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HOME SCIENCE - CURRICULUM

(w.e.f. Academic year 2017 - 2018)

An outline Class B.A./B. Sc. Second year

Semester	Core Course	Paper No.	Name of Paper	Lect / Week	Total No. of Lectures	CA	ESE	Total Marks	Credits
Semester III	CCHS I	V	Human Development (Development in later years)	4	55	Marks 35 Case Study	40	75	3
	CCHS II	VI	Practical (Home Management)	4	55	Marks 35 Best out of waste (1 article)	40	75	3
	SEC - I			3	45	50	0	50	2
			<b>Total - I</b>	<b>11</b>	<b>155</b>	<b>120</b>	<b>80</b>	<b>200</b>	<b>8</b>
Semester IV	CCHS I	VII	Foods and Nutrition (Meal Planning)	4	55	Marks 35 Diet Survey (low/medium/high - 3)	40	75	3
	CCHS II	VIII	Practical - Foods and Nutrition (Cooking)	4	55	Marks 35 Menu Card (2 types)	40	75	3
	SEC - II			3	45	50	0	50	2
			<b>Total - II</b>	<b>11</b>	<b>155</b>	<b>120</b>	<b>80</b>	<b>200</b>	<b>8</b>
		<b>Total - I, II</b>	<b>22</b>	<b>310</b>	<b>240</b>	<b>160</b>	<b>400</b>	<b>16</b>	
CCHS = Core Course Home Science ESE = End of Semester Examination CA = Continuous Assessment SEC = Skill Enhancement Course									

**Semester-I**  
**HUMAN DEVELOPEMENT**  
Theory

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Bsc/Ba- I Year

Credit-3  
CCHS-I

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- 1. Human Development**
    - a) Concept
    - b) Principles of Development
    - c) Growth and Development
      - 1) factors affecting growth and Development
        - Heredity and Environment
        - Maturation and Learning
        - Rest and Exercise
        - Nutritious food
  
  - 2. Prenatal Development**
    - 1) Reproductive System
      - a) Male
      - b) Female
    - 2) Menstrual cycle
    - 3) Pregnancy and process of Birth
      - a) Stages fo Pregnancy
      - b) Signs and symptoms
      - c) Care during pregnancy
      - d) Emergencies
      - e) Stages of process of Birth
  
  - 3. Infancy (Birth to two weeks approximately)**
    - a) Sub-divisions
    - b) Characteristics
    - c) Adjustments and Hazards
  
  - 4. Babyhood (two weeks to two years of life)**
    - a) Characteristics
    - b) Physical Development
    - c) Emotional Development
    - d) Social Development
    - e) Play
    - f) Happiness and Hazards
  
  - 5. Childhood**
    - a) Subdivision
    - b) Developmental task
    - c) Charactesistics
    - d) Physical Development
    - e) Emotional Development
    - f) Social development
    - g) Moral development
    - h) Hazards
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# Semester-I

## FOODS AND NUTRITION

### Theory

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Bsc/Ba-I Year

Credit-3  
CCHS-II

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- 1. Nutrition & Health:**
    - a) Introduction to foods & Nutrition
    - b) Importance of Nutrition
    - c) Functions of food
  
  - 2. Carbohydrates:**
    - a) Composition
    - b) Classification
    - c) Functions
    - d) Daily allowances, sources
    - e) Deficiencies
  
  - 3. Proteins:**
    - a) Composition
    - b) Classification
    - c) Amino acids - Types
    - d) Functions of Protein
    - e) Daily allowances, sources
    - f) Deficiencies
  
  - 4. Fats:**
    - a) Composition
    - b) Classification
    - c) Fatty acids - Types
    - d) Sources
    - e) Deficiencies
  
  - 5. Vitamines:**
    - a) Classification
    - b) Fat soluble vitamins - A,D,E,K.  
Functions, sources, Deficiencies.
    - c) Water soluble - B-Complex, vitamin c
  
  - 6. Minerals:**
    - a) Importance
    - b) Calcium, Iodine, Iron.
    - c) Functions & sources
    - d) Deficiencies
  
  - 7. Water:**
    - a) Importance
    - b) Role.
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Semester-II  
**TEXTILE & CLOTHING**

Theory

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Bsc/Ba- I Year

Credit- 3  
CCHS-I

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- 1. Introduction to textile**
    - a) History
    - b) Classification
    - c) Properties
  
  - 2. Basics & Tailoring**
    - a) Seams - Types
    - b) Pleats - Types
    - c) Yokes - Types
  
  - 3. Traditional Textiles of India**
  
  - 4. Traditional embroidery of India**
  
  - 5. Textile Printing**
    - a) Block
    - b) Screen
    - c) Stencil
    - d) Roller
    - e) Tie and dye
    - f) Batik
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**Semester-II**  
**TEXTILE**  
**PRACTICAL**

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Bsc/Ba- 1st Year

Credit- 3  
CCHS-II

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- 1. Embroidery Samples (Size 5"x5")**
    - a) Stem
    - b) Chain
    - c) Satin
    - d) Herring bone

B) Traditional Embroidery

    - a) Kashida
    - b) Chickenkari
    - c) Mirror work

C) Modern Embroidery

    - a) Jarloji
    - b) Bead/Tikli
  
  - 2. Knitting- Sample 5"x5"**
  
  - 3. Crochet- Sample 5"x5"**
  
  - 4. Tie & Dye- 5"x5"**  
Any 05 Samples
  
  - 5. Batik- 5"x5"**  
1 Sample
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